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Quantitative estimation method for discrimination o nuance among impression words

[Taka Gi, S.](#) [Isomoto, Y.](#) [Nozaki, H.](#)

Graduate Sch. of Nat. Sci., Nagoya City Univ., Yamanohata, Japan;

This paper appears in: Industrial Electronics Society, 2000. IECON 2000 Annual Conference of the IEEE

Meeting Date: 10/22/2000 - 10/28/2000

Publication Date: 22-28 Oct. 2000

Location: Nagoya Japan

On page(s): 1598 - 1603 vol.3

Volume: 3

Reference Cited: 2

Number of Pages: 4 vol.(xxviii+2997)

Inspec Accession Number: 7274627

Abstract:

In this paper the authors discuss a quantitative estimation method for discrimination among impression words that express favor, impression feeling, emot aesthetic sense. The impression words play the role of **keywords** on informat retrieval for the database of fine arts or industrial design. The subtle discrimination among the nuance of impression words makes **verbal** expression of our idea abundant and fruitful. The authors formulate the mathematical model and estimation method to quantify the discrimination among the impression words. The statistics gathered from 100 examinees and analyzed to declare quantitatively the discrimination among impression words. The result is edited as the fuzzy thesaurus of impression words. The authors show the mathematical formulation, estimation method and

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Industrial Electronics Society, 2000. IECON 2000. 26th Annual Conference of IEEE, Volume: 3, 22-28 Oct. 2000

Pages:1598 - 1603 vol.3

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